

# INTERNATIONAL SEARCH REPORT

national application No.  
PCT/KR2003/002242

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7 A61L 15/14**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A61F, A61L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Patents and applications for inventions since 1975

Korean Utility models and applications for Utility models since 1975

Japanese Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

KIPASS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/0062097 A (SIMPSON SCOTT S.) 23 May 2002 See the whole document	1-3
Y	KR 340981 B (BIOPOL CO., LTD.) 20 June 2002 See the whole document	3
Y	KR 2002-46619 A (BIOPOL CO., LTD.) 21 June 2002 See the whole document	3
A	EP 0335669 A (FERRIS MFG., CORP.) 04 October 1989 See the whole document	1-3
A	US 5571529 A (JOHNSON & JOHNSON MEDICAL, INC.) 05 November 1996 See the whole document	1-3



Further documents are listed in the continuation of Box C.



See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

06 FEBRUARY 2004 (06.02.2004)

Date of mailing of the international search report

06 FEBRUARY 2004 (06.02.2004)

Name and mailing address of the ISA/KR



Korean Intellectual Property Office  
920 Dunsan-dong, Seo-gu, Daejeon 302-701,  
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

KIM, Su Mi

Telephone No. 82-42-481-5576



# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2003/002242

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002/0062097 A	23.05.23.	GB 2364063A DE 10132141A1 GB 2364063A JP 2002058734A	16.01.2002 10.01.2002 16.01.2002 26.02.2002
KR 340981 B	20.06.2002	NONE	
KR 2002-46619 A	21.06.2002	NONE	
EP 0335669 A	04.10.1989	AU 624808B2 CA 1322072C CN 1037523A DE 68907362T2 ES 2057111T3 JP 2043231A KR 131075B1 US 5064653A	25.06.1992 07.09.1993 29.11.1989 14.10.1993 16.10.1994 13.02.1990 17.04.1998 12.11.1991
US 5571529 A	05.11.1996	EP 0541391A1 AT 167202T AU 2749992A AU 660727B2 BR 9204328A CA 2082364A1 DE 69225864T2 DK 541391T3 EP 0541391A1 ES 2117036T3 FI 925008A JP 6192383A MX 9206417A1 NO 924287A SG 89233A1	12.05.1993 15.06.1998 13.05.1993 06.07.1995 11.05.1993 08.05.1993 03.12.1998 22.03.1999 12.05.1993 01.08.1998 08.05.1993 12.07.1994 01.10.1993 10.05.1993 18.06.2002